

6/9/1

DIALOG(R) File 351:Derwent
(c) 2002 Derwent Info Ltd rts. reserv.

002247167

WPI Acc No: 1979-46363B/197925

Odorising agent for fuel gas - contains cyclohexene as essential component, giving improved detectability at low concns.

Patent Assignee: SODA PERFUME CO LTD (SOSH)

Number of Countries: 001 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 54058701	A	19790511				197925 B
JP 83042235	B	19830917				198341

Priority Applications (No Type Date): JP 77125420 A 19771019

Abstract (Basic): JP 54058701 A

Odorising agent contains cyclohexene (I) as an essential component. (I) is perceptible at low concn., i.e. 30-40 gamma/m3. The perceptible concn. of conventional odorising agents (e.g., mercaptans, sulphides) is about 60 gamma/m3. (I) becomes more perceptible on combined use with mercaptans and/or sulphides (e.g. 10 gamma/m3). (I) has low water solubility, and is hardly adsorbed by soil and iron rust. It does not corrode metals and does not swell rubber and packing material and is harmless. (I) is suitable for odorisation of town gas, natural gas and LPG.

Specifically, the perceptibility fo cyclohexene is increased by combined use with 0.1-10% of mercaptan and/or sulphide e.g. ethylmercaptan, isopropylmercaptan, tertbutylmercaptan, dimethylsulphide, methyl-ethyl-sulphide or methyl-aryl-sulphide.

Title Terms: ODOUR; AGENT; FUEL; GAS; CONTAIN; CYCLOHEXENE; ESSENTIAL; COMPONENT; IMPROVE; DETECT; LOW; CONCENTRATE

Derwent Class: E15; E19; H06

International Patent Class (Additional): C10L-003/00

File Segment: CPI
